Ralf Eising, Oliver Moll, Torsten Sattler,

Thilo Walloschek and Rüdiger Ostholt

Serial No

10/668,053

Response to Office Action

Mailed 12/14/2004

Page

2

The listing of the claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Please cancel claims 3, 5, 7, 9, 10, 18 and 22.

Please amend claims 1, 4, 6, 8, 11-13 and 20.

1. (Currently Amended) A chain block, comprising:

a drive motor and an at least one-stage transmission;

said drive motor having a motor shaft, said transmission having an input shaft, said motor shaft connected at a take-off side via a slip clutch to said transmission input shaft;

said transmission having a first gear mounted in a housing via pivot-bearingsa first pivot bearing and a second pivot bearing; and

wherein said transmission input shaft is mounted floating in said <u>first and second</u> pivot bearings in order to affect the frictional force of said slip clutch; <u>and</u>

wherein said transmission input shaft has a pinion that is configured in a spiral gearing so that, during operation of the chain block, the axial force produced by said spiral gearing leads to a changing in frictional force of said slip clutch in a lengthwise direction of said transmission input shaft.

- 2. (Original) The chain block of claim 1 wherein said slip clutch is arranged near said first gear on said transmission input shaft and thrusts against one of said pivot bearings.
- 3. (Cancelled)
- 4. (Currently Amended) The chain block of claim 3.2 wherein the axial force produced by said spiral gearing results in an increasing of the frictional force of said slip clutch at least when said chain block is hoisting.

Ralf Eising, Oliver Moll, Torsten Sattler,

Thilo Walloschek and Rüdiger Ostholt

Scrial No

10/668.053

Response to Office Action

Mailed 12/14/2004

Page

3

- 5. (Cancelled)
- 6. (Currently Amended) The chain block of claim 5 1 wherein the axial force produced by said spiral gearing results in an increasing of the frictional force of said slip clutch at least when said chain block is hoisting.
- 7. (Cancelled)
- 8. (Currently Amended) The chain block of claim 7_11 wherein said spring element comprises flat spring elements.
- 9. (Cancelled)
- 10. (Cancelled)
- 11. (Currently Amended) The chain block of claim 7A chain block, comprising:
 - a drive motor and an at least one-stage transmission;
- said drive motor having a motor shaft, said transmission having an input shaft, said motor shaft connected at a take-off side via a slip clutch to said transmission input shaft;
- said transmission having a first gear mounted in a housing via a first pivot bearing and a second pivot bearing; and

wherein said transmission input shaft is mounted floating in said first and second pivot bearings in order to affect the frictional force of said slip clutch, wherein one end of said transmission input shaft is thrust against said second pivot bearing across a spring element in order to activate said slip clutch, wherein pretensioning of said spring element is adjusted by said first pivot bearing being adapted to travel lengthwise in said housing and be moved in a direction of said spring element by a set screw thrusting against said housing.

Ralf Eising, Oliver Moll, Torsten Sattler,

Thilo Walloschek and Rüdiger Ostholt

Serial No

10/668,053

Response to Office Action

Mailed 12/14/2004

Page

4

- 12. (Currently Amended) The chain block of claim 11 wherein said including a brake that is spaced from said housing at a distance established by said set screw.
- 13. (Currently Amended) The chain block of claim 1 wherein said including a brake that is arranged at an end of said transmission input shaft away from said slip clutch and acts on said transmission input shaft.
- 14. (Original) The chain block of claim 13 wherein said brake is configured as an electromagnetically operated disk brake.
- 15. (Original) The chain block of claim 14 wherein said slip clutch comprises a pressure disk that thrusts against said first pivot bearing and a clutch disk with a clutch lining, wherein said transmission input shaft thrusts against said clutch disk.
- 16. (Original) The chain block of claim 1 wherein said slip clutch comprises a pressure disk that thrusts against said first pivot bearing and a clutch disk with a clutch lining, wherein said transmission input shaft thrusts against said clutch disk.
- 17. (Original) The chain block of claim 2 wherein said slip clutch comprises a pressure disk that thrusts against said first pivot bearing and a clutch disk with a clutch lining, wherein said transmission input shaft thrusts against said clutch disk.
- 18. (Cancelled)
- 19. (Original) The chain block of claim 6 wherein said slip clutch comprises a pressure disk that thrusts against said first pivot bearing and a clutch disk with a clutch lining, wherein said transmission input shaft thrusts against said clutch disk.

Ralf Eising, Oliver Moll, Torsten Sattler,

Thilo Walloschek and Rüdiger Ostholt

Serial No

10/668,053

Response to Office Action

Mailed 12/14/2004

Page

5

20. (Currently Amended) The chain block of claim 7_11 wherein said slip clutch comprises a pressure disk that thrusts against said first pivot bearing and a clutch disk with a clutch lining, wherein said transmission input shaft thrusts against said clutch disk.

21. (Original) The chain block of claim 8 wherein said slip clutch comprises a pressure disk that thrusts against said first pivot bearing and a clutch disk with a clutch lining, wherein said transmission input shaft thrusts against said clutch disk.

22. (Cancelled)